



U.S. Department of Energy

Environmental Management Recovery Act

Keeping You in the Know

NEWS FLASH

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West Valley Making Progress on Recovery Act Projects

Under the American Recovery and Reinvestment Act (ARRA), DOE allocated \$74 million for environmental cleanup projects at the West Valley Demonstration Project (WVDP), located approximately 35 miles south of Buffalo, in West Valley, New York. The site will accelerate the processing and packaging of Contact-Handled Transuranic waste (CH TRU), stored legacy low level waste (LLW) and mixed low level waste (MLLW) for offsite disposal. It will also seek to mitigate the spread of a groundwater plume and will dry residual liquid left in underground waste tanks. As of November 2009, WVDP had a total of **92 FTEs** (Full-Time Equivalents) direct hires and subcontractors and had recorded **106,514 hours** worked on ARRA projects.



West Valley ARRA Projects

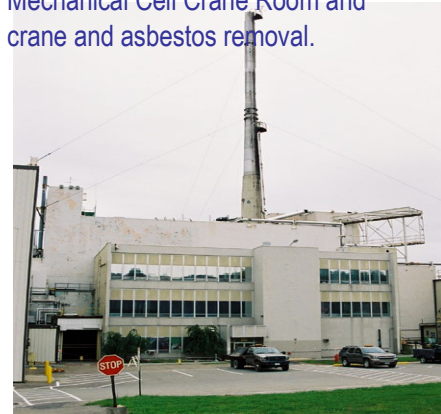
- Accelerate decontamination of the Main Plant Process Building (MPPB) in preparation for demolition
- Install systems to:
 - Solidify higher-activity liquids remaining in MPPB
 - Dry 4 underground waste tanks and 3 vaults
 - Mitigate the contaminated groundwater plume
- Accelerate stored waste processing/packaging
- Demolish the 01-14 Building

Dry High Level Waste (HLW) Tanks

Efforts continue on the Tank and Vault Drying System with the installation of the of the temporary ventilation line, personnel training and procurement of materials.

Main Plant Decon

Decontamination in preparation for eventual demolition is in progress. Recent activities include electrical isolation and removal of equipment in the Process Chemical Room, decontamination of the Process Mechanical Cell Crane Room and crane and asbestos removal.



Plume Mitigation

A permeable treatment wall will be installed to prevent further migration of a Strontium-90 groundwater plume. A continuous trencher will be used to simultaneously excavate the trench and install resin to remove the Strontium-90 contamination.

Main Plant Liquid Solidification

The goal is to solidify approximately 7,500 gallons of residual liquids left behind after flushing the Liquid Waste Treatment System tank in the Main Plant. Design and recipe development are underway, with equipment installation scheduled to begin in early spring 2010. The system will be retained for potential use during MPPB demolition.

01-14 Building Demo

Located directly adjacent to the MPPB, the 01-14 Building is slated for demolition in October 2010. Engineering analysis and utility isolations are now underway.



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

For more information on EM Recovery Act, visit: www.em.doe.gov/emrecovery